

kilos. I think from what I have personally seen for years that the climate of southern California may be a little colder than that of the Riviera, since so many plants suffer in southern California which do not suffer here, and my California correspondents confirm my earlier personal experience. Still I think that the bamboo in question will grow, at least in all the sheltered parts of southern California, and undoubtedly in places such as Santa Barbara and San Diego, where, as my correspondents write me, the same species resist as here on the Riviera." (*Proschowsky*.)

40937. MELILOTUS ALBA Desr. Fabaceæ.

Melilot.

From Changchun, Manchuria. Presented by Dr. R. J. Gordon, Irish Presbyterian Mission. Received July 8, 1915.

40938 to 40969. TRITICUM spp. Poaceæ.

Wheat.

From Lyallpur, Punjab, India. Presented by the Department of Agriculture. Received July 15, 1915.

Quoted notes from Albert and Gabrielle L. C. Howard, *Memoirs of the Department of Agriculture in India*, vol. 2, no. 7. (The abbreviation D. means density of ear.)

40938 to 40940. TRITICUM DURUM Desf.

Durum wheat.

40938. "Type No. 1. Var. *melanopus* Al. Awns long, black, but the black colour is lost very easily; chaff densely felted, white with a pinkish tinge, often spotted with mould fungi; grains long, amber, generally hard and flinty, although occasionally mottled ones are found; density varies with the rankness of growth; straw tall, slender but stiff; somewhat liable to rust; ripens late. This is the common macaroni wheat of the Punjab and was found in the Wadanak of Zira, Wadanak of Sialkot, Wadanak of Batala, Wadanak Kalchingari of Montgomery, Wadanak of Amritsar, Dagar of Pind Dadan Khan, Dagar of Wazirabad, Dagar of Shahpur, Pamman of Ferozepore, Dagar of Muzaffargarh, Dagar of Multan, Dagar of Montgomery, in the Wadanaks of Lyallpur, Ferozepore, and Amritsar, and the Palestine of Lahore."

40939. "Type No. 2. Var. *africanum* Kcke. Similar in most respects to type 1, but the ears taper to a point and are slightly longer; grain very dark red, hard on the whole, with a very few mottled grains; length of ear 84 mm.; D. [density of the ear] = 23. This type is more liable to rust than type 1. This type was only met with as an impurity in Wadanak Kalchingari of Montgomery."

40940. "Type No. 3. Var. *leucurum* Al. Awns long, white with a reddish tinge; chaff smooth, shiny, white with a pinkish tinge due to the veins on the glumes being red; grain very long and thin, white, much lighter in colour than type 1, generally very hard and translucent, hardly a mottled grain to be found; length of ear, 75 mm.; D. = 22; straw good; ripens late; not so liable to rust as type 1. This type was only found as an impurity in the Wadanak of Lyallpur in very small quantity. The grains of this wheat are so long that in cleaning prior to grinding they would pass over standard sieves with the large impurities."